

Abstract

Disclosed is a method for producing a honeycomb structure including a step of plugging up a plurality of cells 3 at any
5 of end faces of a honeycomb formed body 1 having two end faces 41, 43 and a plurality of cells 3 passing from one end face 41 to another end face 43. Said step of plugging up the cells includes a first substep of adhering a film 9 to any of the end
10 faces, a second substep of boring holes through the film at specified positions corresponding to the cells to be plugged up by a high-density energy beam, and a third substep of packing a plugging material in the cells to be plugged up. The method is characterized in that at the first substep, a film comprising
15 a substrate layer and an adhesive layer and having an adhesive force of 3-15 N/25 mm is used. According to this production method, the honeycomb formed body or honeycomb structure is inhibited from breakage caused by plugging up of the cells and the cells can be surely plugged up.